#### DECLARATION AND POWER OF Attorney Docket Number 42390P9270 ATTORNEY FOR PATENT First Named Inventor Baosheng Yuan APPLICATION **COMPLETE IF KNOWN** (37 CFR 1.63) Application Number 10/019,883 Declaration □ Declaration Filing Date December 27, 2001 Submitted after Initial Submitted OR with Initial Filing (surcharge Art Unit (37 CFR 1.16(e)) Filing required) **Examiner Name**

### As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original and first inventor (if only one name is listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

	RATING AND SEARCHING AN OPTIMAL MAXIMUM LIKELIHOOD DECISION TREE MARKOV MODEL (HMM) BASED SPEECH RECOGNITION
the specification of which is attached hereto.	(Title of the Invention)
OR  was filed on (if applicable or 12/27/2001 or 09/30/2000 and was amended on	as United States Application Number 10/019,883 as PCT International Application Number PCT/CN00/00296 (if applicable)

I hereby authorize and request my attorney, associated with Customer Number 45209, to insert on the designated lines above, the filing date, application number, PCT International Application Number and amendment date, as applicable, of the patent application should this Declaration be filed after filing the specification.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
				☐ Yes ☐ No
				☐ Yes ☐ No
				☐ Yes ☐ No

Appointment of Practitioners:		e e	
I hereby appoint the practitioners associated with Customer Nur as my/our attorney(s) or agents(s), with full power of substiapplication and to transact all business in the U.S. Patent and T	itution and re	vocation, to	
Correspondence: Direct all correspondence to Customer Number 45209,	•		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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	INVENTOR:	:			
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Full Name: Inventor's Signatu Residence Mailing Address  NAME OF SEVEN	INVENTOR:	Family Name	(or Surname), a Date Citizenship	nd Suffix [if any]) (Country) dersigned inventor	
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NAME OF SIXTH Full Name: Inventor's Signatu Residence Mailing Address  NAME OF SEVEN Full Name: Inventor's Signatu	INVENTOR:	Family Name	(or Surname), a Date Citizenship	nd Suffix [if any]) (Country) dersigned inventor	

Docket No. 42390P9270

### DECLARATION AND POWER OF Attorney Docket Mumber 42390P9270 ATTORNEY FOR PATENT First Named Inventor Saosheng Yuan APPLICATION COMPLETE IF KNOWN (37 CFR 1.63) Application Number 10/019,883 Declaration Declaration Filing Date Submitted December 27, 2001 Submitted after Initial Filing (surcharge (37 CFR 1.15(e)) with Initial Art Unit Filing required) Examiner Name As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below, next to my name. I believe I am the original and first inventor (if only one name is listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD AND SYSTEM FOR GENERATING AND SEARCHING AN OPTIMAL MAXIMUM LIKELIHOOD DECISION TREE FOR HIDDEN MARKOV MODEL (HMM) BASED SPEECH RECOGNITION the specification of which ☐ is attached hereto. OR was filed on (if applicable): 12/27/2001 as United States Application Number as PCT International Application Number and was amended on PCT/CN00/00298 (if applicable) hereby authorize and request my attorney, associated with Customer Number 45209, to insert on the designated lines above, the filing date, application number, PCT international Application Number and amendment date, as applicable, of the patent application should this Declaration be filed after filing the specification. hereby state that have reviewed and understand the contents of the above identified specification, including the claim(s), as amended by any amendment specifically referred to above. l acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. Including for continuation in part applications, material information which became available between the filing date of the pitor application and the national of PCT international filing date of the continuation-in-part application I hereby claim toreign priority benefits under 35 U.S.C. 119(a) (d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent, inventor's or plant breader's rights certificate(s), or any PCT international application having a filing date before that of the

Prior Foreign Application		•
Number(e)	Country Foreign Filing Date Priority (MM/DDV/YYY) Not Claimed	Certified Copy Attached?
		☐ Yes ☐ No
		☐ Yes ☐ No
		☐ Yes ☐ No

Docket No. 42390P9270

application on which priority is claimed:

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## Appointment of Practitioners: Enerety appoint the practitioners associated with Customer Number: 45209 as my/our attorney(s) or agents(s), with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. Correspondence: Direct all correspondence to Customer Number 45209 I hereby declars that all statements made herein of my own smowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may leopardize the validity of the application or any patent issued thereon. NAME OF SOLE OR FIRST INVENTOR: . A petition has been filed for this undersigned inventor

Full Name; Baosheng Yuan Pladle [If any], Family Name (or Surname), and Suffix [if any Inventor's Signature Residence Singapore, Singapore Citizenship Singapore (City State Country) (Country) Mailing Address 295 Punggol Central, #16-513 Singapore, 820295 Singapore NAME OF SECOND INVENTOR: A petition has been filed for this xindersigned inventor Full Name. Qingwei Zhao (First, Middle [sf any], Family Name (or Surname), and Suffix [if any], Inventor's Signature Date Residence Beijing, People's Republic of China Citizenship People's Republic of China (City; State, Country) Mailing Address Rin. 205, Bldg. 938, ZhongQuanCun, HalDlan Dist Beiling, 100086 People's Republic of China NAME OF THIRD INVENTOR: A petition has been filed for this undersigned inventor Full Name: Qing Guo (First, Middle [if any], Family Name (or Surnante), and Suffix [if any]) Inventor's Signature Residence Karamayi Xinjiang, China Citizenship People's Republic of China (City , State, Country) Mailing Address Guo GuangRul Retire Center, Shi You Chu, Karamayi, Kin Jiang Province Karamayi Xinjiang, 8340027 China

Docket No: 42390F9270

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